

**MONTANA STATE AVIATION SYSTEM PLAN
1995 UPDATE
FIELD INSPECTION FORM**

AIRPORT:	CIRCLE (4U6)	AIRPORT REFERENCE CODE:	B-I (SM)
CITY:	CIRCLE	APPROACH TYPE:	VISUAL
CONTACT:	JEFF SKYBERG	DATE INVENTORIED:	1-19-96
PHONE #:	485-2481	INSPECTED BY:	RSD

	REQUIRED	ACTUAL	ALP	CONFORM
RUNWAY 12/30 INVENTORY				
DISTANCE TO:				
HOLD LINES FROM CENTERLINE:	125'	128'		✓
PARALLEL TAXIWAY FROM CENTERLINE:	150'	N/A		N/A
AIRCRAFT PARKING FROM CENTERLINE:	125'	185'		✓
RUNWAY WIDTH:	60'	75'		✓
RUNWAY LENGTH:	4,580(1)		4,100'	95%
RUNWAY SAFETY AREA (RSA) WIDTH:	120'	OK		✓
RUNWAY OBJECT FREE AREA (OFA) WIDTH:	250'	(2) & (3)		NO
PRIMARY / TRANSITION SURFACE PENETRATIONS:	250' W & 7:1	(2) - (4)		NO
LONGITUDINAL GRADE - SITE DIST. PROBLEMS:		OK		✓
OBSTACLE FREE ZONE ANALYSIS:	250' WIDE x 200' BEYOND			(2) & (3)
PAVEMENT EDGE LIP HEIGHT (MIN AND MAX):	1.5" - 3"	1"-2.5"		✓
PAVEMENT MARKING TYPE:	BASIC	BASIC		✓
PAVEMENT MARKING CONDITION:		GOOD		N/A
RUNWAY 12 END INVENTORY				
SAFETY AREA (RSA) BEYOND RUNWAY END:	240'	OK		✓
OBJECT FREE AREA (OFA) BEYOND RUNWAY END:	240'	OK		✓
APPROACH OBSTRUCTIONS:	20:1	NONE		✓
RUNWAY END ELEVATION:			2,422.0	N/A
RUNWAY 30 END INVENTORY				
SAFETY AREA (RSA) BEYOND RUNWAY END:	240'	OK		✓
OBJECT FREE AREA (OFA) BEYOND RUNWAY END:	240'	OK		✓
APPROACH OBSTRUCTIONS:	20:1	NONE		✓
RUNWAY END ELEVATION:			2,439.0	N/A
RUNWAY LIGHTING INVENTORY				
DISTANCE FROM PAVEMENT EDGE:	10'	10'		✓
MAXIMUM DISTANCE BETWEEN LIGHTS:	200'	OK		✓
TYPE:	MIRL, STAKE MOUNTED, NATIONAL			N/A
CONDITION:		FAIR		N/A
COLOR:	WHITE	WHITE		✓
THRESHOLD 12				
DISTANCE FROM PAVEMENT EDGE:	10'	5'-6'		NO
MAXIMUM DISTANCE BETWEEN LIGHTS:	10'	10'		✓
COLOR:	RED/GREEN	RED/GREEN		✓
THRESHOLD 30				
DISTANCE FROM PAVEMENT EDGE:	10'	10'		✓
MAXIMUM DISTANCE BETWEEN LIGHTS:	10'	10'		✓
COLOR:	RED/GREEN	RED/GREEN		✓

COMMENTS:

- (1) R/W LENGTH OF 3,310' FOR 75%, 4,050' FOR 95% AND 4,580' FOR 100% COVERAGE; ALP ULT OF 4,600' SHOWN
- (2) 2.5' METAL POST 100' E OF CL & ~1,100' FROM 30 END IN OFA AND PRIMARY SURFACE
- (3) 3' SAGE BRUSH 100' W OF CL ACROSS FROM TAXIWAY IN OFA AND PRIMARY SURFACE
- (4) CLOSEST OBJECT TO PENETRATING TRANSITIONAL SURFACE IS THE NDB AT 14.5% - CLOSE

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	REQUIRED	ACTUAL	ALP	CONFORM
TAXIWAY INVENTORY				
TAXIWAY WIDTH:	25'	40'		✓
TAXIWAY SAFETY AREA WIDTH:	49	OK		✓
TAXIWAY OBJECT FREE AREA WIDTH:	89	OK		✓
DIST. FROM CENTERLINE TO FIXED OR MOVEABLE OBJ.	44.5	OK		✓
PAVEMENT EDGE LIP HEIGHT (MIN AND MAX):	1.5" - 3"	<1"		NO
PAVEMENT MARKING TYPE:		YELLOW		✓
PAVEMENT MARKING CONDITION:		GOOD		N/A
TAXIWAY LIGHTING INVENTORY				
DISTANCE FROM PAVEMENT EDGE:	10'	(1) 10'		✓
MAXIMUM DISTANCE BETWEEN LIGHTS:	200'	OK		✓
TYPE:		REFLECTORS		N/A
CONDITION:		GOOD		N/A
COLOR:	BLUE	BLUE		✓

MISCELLANEOUS

TYPE OF BEACON:	MOUNTED ON 50' METAL TOWER ~800' SW OF RW
SIZE OF BEACON:	12"
OTHER LIGHTING AIDS (VASI,PAPI,REIL):	MULTI-ELECTRIC VASI @30 END, GOOD COND, 50' OFF PVMT EDGE
WINDCONE (CONDITION & COMPLIANCE):	SW OF RW ~250', LIGHTED, ~20', GOOD COND
SEGMENTED CIRCLE (CONDITION & COMPLIANCE):	AROUND LARGE LIGHTED WIND TEE ADJACENT TO WIND CONE
WINDCONE (CONDITION & COMPLIANCE):	
SEGMENTED CIRCLE (CONDITION & COMPLIANCE):	
FENCING:	GOOD
SIGNS: (TYPE, CONDITION, PLACEMENT)	ONE LUMACURVE IN GOOD COND, 12'-13' OFF PVMT EDGE

COMMENTS:

(1) ENTRANCE BLUE LIGHT PAIRS
